# IAP3 Rec'd PCT/PTO 01 FEB 2006

Approved for use through 03/31/2007. OMB 0651-0021 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

#### Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES ·· 12810-00193-US -DESIGNATED/ELECTED OFFICE (DO/EO/US) U.SARRLIOA TIONAIO (1600M) see 37 CFR 1.5) PRIORITY DATE CLAIMED CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/EP2004/007957 16 July 2004 1 August 2003 METHOD FOR THE PRODUCTION OF MULTIPLE-UNSATURATED FATTY ACIDS TITLE OF INVENTION: IN TRANSGENIC ORGANISMS APPLICANT(S) FOR DO/EO/US: Thorsten Zank et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. X The US has been elected (Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. x An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). Х is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13.l x A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18 A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19 A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

# IAPZO ROS'O PETATO 01 FEB 2006

PTO-1390, (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLE AND NO. TOWNSON, See OFFE 1.5 19			INTERNATIONAL APPLICATION NO. PCT/EP2004/007957		ATTORNEY'S DOCKET NUMBER 12810-00193-US	
20. x Other items or information: Form PCT/ISA/210, Form PCT/IPEA/409, Nucleotide and/or Amino Acid Sequence Submission on CD (COPY1, COPY2, CRF COPY – 3 discs totals), Statement to Support Filing and Submission in Accordance with 37 CFR §§1.821 through 1.825, Postcard, Certificate of Express Mail						
The following fees have been submitted					CALCULATIO	NS PTO USEONLY
21. x Basic national fee (37 CFR 1.492(a))						00
22. x Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 200.	00
23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100  International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB. \$400  All other situations \$500					\$ 400.00	
TOTAL OF 21, 22 and 23 =					\$ 900.	00
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Sheets Extra Sheets Number of each addit thereof (round up to					
178 -100 = 78 /50 =			2 x \$250.00		\$ 500.	00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$	
CLAIMS NUM		UMBER FILED	MBER FILED NUMBER EXTRA RATE			
Total claims 3		34 - 20 =			700.	<del></del>
Independent claims         8 - 3 =         5         x         200.00					1,000.	00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +						<u> </u>
TOTAL OF ABOVE CALCULATIONS =					= \$ 3,100.	00
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						
SUBTOTAL =					= \$ 3,100.	00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$	
TOTAL NATIONAL FEE =					\$ , 3,100.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$	
					\$	
TOTAL FEES ENCLOSED =					\$	3,100.00
-				-	Amount to be refunded:	\$
					Amount to be charged	\$

10/566944

, PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1 FEB 2006 A check in the amount of \$ to cover the above fees is enclosed. 3,100.00 b. x 03-2775 in the amount of \$ Please charge my Deposit Account No. to cover the above fees. A duplicate copy of this sheet is enclosed. c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 03-2775 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Hui-Ju Wu NAME CUSTOMER NUMBER: 23416 57,209 REGISTRATION NUMBER

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 12810-00193-US

### Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV686922487US in an envelope addressed to:

> MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Signature Deborah Israel

Typed or printed name of person signing Certificate

Registration Number, if applicable

(302) 658-9141

Telephone Number

Note:

Each paper must have its own certificate of mailing, or this certificate must identify

each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal

**Application Data Sheet** 

Copy - International application in English

Form PCT/ISA/210 Form PCT/IPEA/409

Copy of the as-filed application in English

Preliminary Amendment

Nucleotide and/or Amino Acid Sequence Submission on CD (COPY1,

COPY2, CRF COPY – 3 discs totals)

Statement to Support Filing and Submission in Accordance with 37 CFR

§§1.821 through 1.825

Postcard

Authorization to charge \$3,100.00 to deposit account 03-2775

## IAP20 ROS' O TOTATO 0 1 FEB 2006

. PT/J/SB/17 (12-04v2)
Approved for use through 7/51/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid QMB control number Complete if Know Effective on 12/08/2004. et ssigned Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). **Application Number** TRANSMITTAL Filing Date Concurrently Herewith Thorsten Zank First Named Inventor For FY 2005 **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 N/A Art Unit 12810-00193-US TOTAL AMOUNT OF PAYMENT 3,100.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Number: 03-2775 Deposit Account Name: Connolly Bove Lodge & Hutz LLP x Deposit Account For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee x Charge fee(s) indicated below Charge any additional fee(s) or underpayment of x | Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES** Small Entity **Small Entity** Small Entity Fees Paid (\$) Fee (\$) Fee (\$) **Application Type** Fee (\$) Fee (\$) Fee (\$) Fee (\$) 200 100 900.00 500 250 300 150 Utility 50 130 65 Design 200 100 100 Plant 200 100 300 150 160 80 500 250 600 300 300 150 Reissue 200 100 0 0 0 0 Provisional **Small Entity** 2. EXCESS CLAIM FEES Fee (\$) Fee (\$) Fee Description 50 25 Each claim over 20 (including Reissues) 200 Each independent claim over 3 (including Reissues) 100 180 360 Multiple dependent claims **Total Claims Extra Claims** Fee Paid (\$) Multiple Dependent Claims Fee (\$) 14 50.00 700.00 Fee (\$) Fee Paid (\$) Indep. Claims Extra Claims Fee Paid (\$) Fee (\$) × 200.00 1000.00 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Fee (\$) Fee Paid (\$) Extra Sheets Number of each additional 50 or fraction thereof **Total Sheets** 500.00 78 2 250.00 178 - 100 = /50 (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00 200.00 1633 National Stage Examination Fee - all other ... 400.00 1642 National Stage Search Fee - search report ... 1681 National Stage application size fee - for each ... 500.00 700.00 1615 National Stage claims - extra total (over twenty) 1,000.00 1614 National Stage claims - extra independent (over SUBMITTED BY Registration No 57,209 (302) 658-9141 Signature (Attorney/Agent) Date Name (Print/Type) Hui-Ju Wu